

Title (en)
METHOD FOR ISOLATING ATP BINDING PROTEINS BY MEANS OF IMMOBILIZED PROTEIN INHIBITORS

Title (de)
VERFAHREN ZUR ABTRENNUNG VON ATP-BINDENDEN PROTEINEN DURCH IMMOBILISIERTE INHIBITOREN

Title (fr)
MILIEU ET METHODE D'ENRICHISSEMENT, DE PURIFICATION OU D'APPAUVRISSMENT DE PROTEINES DE LIAISON A L'ATP A PARTIR D'UN RESERVOIR DE PROTEINES

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Abstract (en)
[origin: WO2004013633A2] The present invention relates to a medium and a method for enriching ATP binding proteins, e.g. proteinkinases, from a pool of proteins, like a proteome. The medium of the present invention comprises specific inhibitors, e.g. at least one of the compounds 4-[4-(4-fluoro-phenyl)-5-pyridine-4-yl-1H-imidazole-2-yl]-benzylamine, 2-[4-(2-Amino-ethoxy)-phenylamino]-6-(2,6-dichloro-phenyl)-8-methyl-8H-pyrido[2,3-d]pyrimidine-7-one, 2-[1-(3-aminopropyl)-1H-indole-3-yl]maleimide, 3-[1-(3-Aminopropyl)-1H-indol-3-yl]-3-(1H-indol-3-yl)-maleinimide, 3-[1-(3-Aminopropyl)-1H-indol-3-yl]-4-(1-methyl-1H-indol-3-yl) maleinimide, 3-(8-Aminomethyl-6,7,8,9-tetrahydropyrido-[1,2-a]-indol-10-yl)-4-(1-methyl-1H-indol-3-yl)-maleinimide, [6-(3-Amino-propoxy)-methoxy-quinazolin-4-yl]-(3-chloro-phenyl)-amine, 6-(3-Amino-propoxy)-7-methoxy-quinazolin-4-yl-(3-chloro-4-fluoro-phenyl)-amine, 6-(3Amino-propoxy)-7-methoxy-quinazolin-4-yl]-(3-bromo-phenyl)-amine and 4-[4-(4-Amino-butyl)-piperazin-1-yl-methyl]-N-[4-methyl-3-(4-pyridin-3-yl-pyrimidin-2-ylamino)-phenyl]-benzamide immobilized on a support material. According to the method of the present invention the above-mentioned immobilized compounds are used to selectively bind protein kinases from a pool of heterogeneous proteins.

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